TOPIC: PROPOSAL TO OFFER A BACHELOR OF SCIENCE IN

ARCHITECTURE AT THE UNIVERSITY OF COLORADO

DENVER

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I. <u>SUMMARY</u>

This consent item recommends approval for the University of Colorado Denver (UCD) to offer a Bachelor of Science in Architecture.

II. <u>BACKGROUND</u>

The following is summarized from UCD's proposal:

The Department of Architecture in the College of Architecture and Planning (CAP) proposes a Baccalaureate of Science in Architecture to be offered at the Denver Campus of the University of Colorado Denver. The program is a four-year "pre-professional" disciplinary program. The term "pre-professional" is used to distinguish the proposed 4-year B.S. in Architecture degree from the 5-year professional Bachelor of Architecture (BArch). The B.S. Architecture degree will prepare students for entry into a professional program and will also enable students graduating with a B.S. in Architecture to work as architectural designers, urban designers, interior designers, furniture designers, and digital designers, as well as in the construction and real estate sectors as project managers, marketers, estimators, inspectors, appraisers, developers, and facilities managers. The four-year undergraduate pre-professional option offers students access to a broader education at the undergraduate level enabling students to pursue a much wider range of career options when they enter the workforce, or enroll in graduate programs.

ROLE AND MISSION SUPPORT

This degree supports the role and mission of UCD, which is as follows:

The Denver campus of the university of Colorado shall be an urban comprehensive undergraduate and graduate research university with selective admission standards. The Denver campus shall offer baccalaureate, master's, and a limited number of doctoral degree programs, emphasizing those that serve the needs of the Denver metropolitan area. The Denver campus has statewide authority to offer graduate programs in public administration and exclusive authority in architecture and planning. C.R.S. 23-20-101(b)

EVIDENCE OF NEED

The University of Colorado System Office has reviewed the historical pattern of student entry into and graduation from what was the only pre-professional undergraduate architecture program in the state, the Bachelor of Environmental Design (BENVD) program offered at CU Boulder to gauge student demand for the B.S. Arch program. The BENVD program experienced strong student demand increasing from 354 students in 1992 to 602 in 1998 and to 895 in 2008. In 2008, the BENVD curriculum was revised to be highly interdisciplinary. The program will start with an entering class of no more than 51 transfer students in the fall of 2012, will admit no more than 72 freshmen in the fall of 2013, and will increase the freshmen intake to 90 in the fall of 2014 and then finally to 108 freshmen students in the fall of 2016. Accounting for a continuance of admitting no more than 51 entering transfers each year through the spring of 2014, the transfer intake will be reduced to 11 and will result in a projected undergraduate population of 420 in the fall of 2016, and 465 students in AY 2018-2019 when the new program is fully implemented.

The U.S. Department of Labor, Bureau of Labor Statistics has projected a 23.1% national increase in workforce demand for architects between 2010 and 2020. Migration and population growth will contribute to an estimated increase in the population of Colorado and the intermountain states between 2010 and 2030. As the population grows, there is likely to be a need for significant expansion in the architectural infrastructure that houses and supports that growth creating an increased demand for architects and allied professionals in the state and region. That increase is projected to continue as the demand for the development and an increasing population calls for redevelopment of the country's aging infrastructure and the development of new infrastructure to respond to needs generated by changing demographic trends.

DUPLICATION

There are no other institutions in Colorado that offer a program similar to the proposed B.S. Architecture. Pursuant to C.R.S. 23-20-101 (b), the University of Colorado Denver has exclusive authority in architecture and planning.

III. STAFF ANALYSIS

Pursuant to Colorado Revised Statutes 23-5-129 (6)(b), department staff finds that UCD's proposed Bachelor of Science in Architecture degree is consistent with the institution's statutory role and mission.

IV. STAFF RECOMMENDATION

Approval of the University of Colorado Denver's proposal to offer a Bachelor of Science in Architecture.

V. <u>SUPPLEMENTAL INFORMATION</u>

Copies of all relevant materials are on file in the Academic Affairs office and are available upon request.

STATUTORY AUTHORITY

C.R.S. §23-5-129

- (6) While operating pursuant to a performance contract negotiated pursuant to this section, the governing board of a state institution of higher education:
- (b) Need not consult with nor obtain approval from the Colorado commission on higher education to create modify, or eliminate academic and vocational programs offered by the institution, so long as such creations, modifications, and eliminations are consistent with the institution's statutory role and mission. Institutions shall submit information to the department demonstrating that the creation or modification of an academic or career and technical education program is consistent with the institution's statutory role and mission. The Colorado commission on higher education shall have the authority to override the creation or modification of an academic or vocational program if the change made by the governing board is inconsistent with the institution's statutory role and mission.